

CLAIMS

1. Device for processing fodder comprising:
 - a casing (9) provided with an inlet section (10) and an outlet section (11) for the fodder,
 - a rotor (15) connected to the casing (9), so as to be driven in rotation about a longitudinal axis (45) in order to transport the fodder toward the outlet section (11),
 - a first guide element (19) partially surrounding the rotor (15) so as to define a passage channel (20) for the fodder, and
 - a second guide element (34) disposed so as to guide the flow of fodder leaving the passage channel (20), the second guide element (34) being able to be disposed in at least two configurations relative to the rotor (15),characterized in that a first control member (24) is provided which is intended to move the first guide element (19) into at least two positions relative to the rotor (15) and to hold it in these positions, a link (39) is provided between the first guide element (19) and the second guide element (34), so that a change of position of the first guide element (19) modifies, in its first configuration, the position of the second guide element (34) and a second control member (44) which is intended to dispose the second guide element (34) according to the various configurations.
2. Device for processing fodder as claimed in claim 1, characterized in that the first guide element (19) is connected pivotingly to the casing (9) by means of an articulation (22) with an axis (23) situated in the rear portion of the guide element (19), the axis (23) is substantially parallel to the axis of rotation (45) of the rotor (15) and is disposed at the rear of the axis of rotation (45).

3. Device for processing fodder as claimed in claim 1 or 2, characterized in that it also comprises a comb (31) articulated on an axis (32) integral with the first guide element (19), the comb (31) being intended to engage at least partially in the passage channel (20).
4. Device for processing fodder as claimed in claim 1, characterized in that the second guide element (34) is connected pivotingly to the casing (9) by means of an articulation (35) with an axis (36).
5. Device for processing fodder as claimed in claim 1, characterized in that the second guide element (34) is connected pivotingly to the first guide element (19) by means of an articulation (35) with a shaft (36).
6. Device for processing fodder as claimed in claim 4 or 5, characterized in that the axis (36) of the articulation (35) is parallel to the axis of rotation (45) of the rotor (15).
7. Device for processing fodder as claimed in any one of claims 4 to 6, characterized in that the articulation (35) is situated in a rear portion of the second guide element (34).
8. Device for processing fodder as claimed in claim 2 taken in combination with any one of claims 4 to 7, characterized in that the axis (36) of the articulation (35) connecting the second guide element (34) to the casing (9) or to the first guide element (19) is coincident with the axis (23) of the articulation (22) connecting the first guide element (19) to the casing (9).
9. Device for processing fodder as claimed in any one of claims 1 to 8, characterized in that the link

(39) is made by abutting and holding the second guide element (34) against the first guide element (19).

- 5 10. Device for processing fodder as claimed in claim 9, characterized in that the second guide element (34) comprises a nose (40) intended to press against a support (41) made on the first guide element (19).
- 10 11. Device for processing fodder as claimed in claim 10, characterized in that the nose (40) is held against the support (41) by means of an elastically deformable element (42).
- 15 12. Device for processing fodder as claimed in claim 10, characterized in that the nose (40) is disposed in a front portion of the second guide element (34).
- 20 13. Device for processing fodder as claimed in either one of claims 10 or 11 taken in combination with claim 2, characterized in that the support (41) is situated in front of an articulation (22) connecting the first guide element (19) to the
- 25 casing (9).
14. Device for processing fodder as claimed in any one of claims 10 to 13, characterized in that the support (41) is offset relative to an active
- 30 surface (21) of the first guide element (19), so as to come out of the passage channel (20).
15. Device for processing fodder as claimed in claim 11 taken in combination with claim 1, characterized in
- 35 that the elastically deformable element (42) is connected on one hand to the casing (9) and on another hand to a lever (43) of the second control member (44).

16. Agricultural machine, characterized in that it comprises a device for processing fodder (8) as claimed in any one of claims 1 to 15.
- 5 17. Agricultural machine as claimed in claim 16, characterized in that it is an agricultural mower (1) additionally comprising a cutting device (4) disposed in front of the device for processing fodder (8).